and l	CRF Er s Corrected by the STIC Systems anch
Serkal N	CRF Processing Date: 1/23/2001 Changed a file from non-ASCII to ASCII ENTERED CRF Processing Date: 1/23/2001 Edited by: Verified by:
	Changed the margins in cases where the sequence text was 'wrapped' down to the next line.
	Edited a format error in the Current Application Data section, specifically:
-	Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other
	Added the mandatory heading and subheadings for "Current Application Data".
	Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
	Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included:
	Deleted extra, invalid, headings used by an applicant, specifically:
	Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as
	Inserted mandatory headings, specifically:
	Corrected an obvious error in the response, specifically:
	Edited jdentifiers where upper case is used but lower case is required, or vice versa.
	Corrected an error in the Number of Sequences field, specifically:
	A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
	Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:
	Other:
	Jagree 2

AExaminer: The above corrections must be communicated to the applicant in the first Office 3/1/95 Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING DATE: 01/30/2001 PATENT APPLICATION: US/09/485,951 TIME: 10:22:53

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Input Set : A:\Pto.amc

Output Set: N:\CRF3\01302001\I485951.raw

FEB - 1 2001

TECH CENTER 1600/2900 3 <110> APPLICANT: Seisi Kato Yamaguchi Kimura 5 Shingo Sekine Kouju Kamata

8 <120> TITLE OF INVENTION: HUMAN GALECTIC-9-LIKE PROTEINS AND CDNA ENCODING THESE PROTEINS 11 <130> FILE REFERENCE: GIN-6707CPUS

13 <140> CURRENT APPLICATION NUMBER: 09/485,951 14 <141> CURRENT FILING DATE: 2000-02-17 16 <150> PRIOR APPLICATION NUMBER: 9-226468

17 <151> PRIOR FILING DATE: 1997-08-22 19 <150> PRIOR APPLICATION NUMBER: PCT/JP98/03670

20 <151> PRIOR FILING DATE: 1998-08-19 22 <160> NUMBER OF SEQ ID NOS: 11

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29 <213> ORGANISM: Homo sapiens

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45 <213> ORGANISM: Homo sapiens

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72 His Arg Val Asp Thr Ile Ser Val Asn Gly Ser Val Gln Leu Ser Tyr

135

RAW SEQUENCE LISTING DATE: 01/30/2001 PATENT APPLICATION: US/09/485,951 TIME: 10:22:53

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Output Set: N:\CRF3\01302001\I485951.raw

75 Ile Ser Phe Gln Asn Pro Arg Thr Val Pro Val Gln Pro Ala Phe Ser 150 155 78 Thr Val Pro Phe Ser Gln Pro Val Cys Phe Pro Pro Arg Pro Arg Gly 165 170 175 81 Arg Arg Gln Lys Pro Pro Gly Val Trp Pro Ala Asn Pro Ala Pro Ile 180 185 84 Thr Gln Thr Val Ile His Thr Val Gln Ser Ala Pro Gly Gln Met Phe 195 200 205 87 Ser Thr Pro Ala Ile Pro Pro Met Met Tyr Pro His Pro Ala Tyr Pro 210 215 220 90 Met Pro Phe Ile Thr Thr Ile Leu Gly Gly Leu Tyr Pro Ser Lys Ser 230 235 93 Ile Leu Leu Ser Gly Thr Val Leu Pro Ser Ala Gln Arg Phe His Ile 245 250 96 Asn Leu Cys Ser Gly Asn His Ile Ala Phe His Leu Asn Pro Arg Phe 260 265 99 Asp Glu Asn Ala Val Val Arg Asn Thr Gln Ile Asp Asn Ser Trp Gly 275 280 102 Ser Glu Glu Arg Ser Leu Pro Arg Lys Met Pro Phe Val Arg Gly Gln 295 105 Ser Phe Ser Val Trp Ile Leu Cys Glu Ala His Cys Leu Lys Val Ala 106 305 310 315 108 Val Asp Gly Gln His Leu Phe Glu Tyr Tyr His Arg Leu Arg Asn Leu 325 330 111 Pro Thr Ile Asn Arg Leu Glu Val Gly Gly Asp Ile Gln Leu Thr His 112 345 114 Val Gln Thr 115 355 118 <210> SEQ ID NO: 3 119 <211> LENGTH: 96 120 <212> TYPE: DNA 121 <213> ORGANISM: Homo sapiens 123 <400> SEQUENCE: 3 124 aacccccgca cagtccctgt tcagcctgcc ttctccacgg tgccgttctc ccagcctgtc 60 126 tgtttcccac ccaggcccag ggggcgcaga caaaaa 129 <210> SEQ ID NO: 4 130 <211> LENGTH: 1065 131 <212> TYPE: DNA 132 <213> ORGANISM: Homo sapiens 134 <400> SEQUENCE: 4 135 atggcettea geggttecca ggetecctae etgagtecag etgteccett ttetgggaet 60 137 attcaaggag gtctccagga cggacttcag atcactgtca atgggaccgt tctcagctcc 120 139 agtggaacca ggtttgctgt gaactttcag actggcttca gtggaaatga cattgccttc 180 141 cacttcaacc ctcggtttga agatggaggg tacgtggtgt gcaacacgag gcagaacgga 240 143 agctgggggc ccgaggagag gaagacacac atgcctttcc agaaggggat gccctttgac 300 145 etetgettee tggtgeagag eteagattte aaggtgatgg tgaacgggat cetettegtg 360 147 cagtacttcc accgcgtgcc cttccaccgt gtggacacca tctccgtcaa tggctctgtg 420 149 cagetgteet acateagett ceagaaceee egeacagtee etgtteagee tgeettetee 480

151 acggtgccgt teteccagee tgtetgttte ceaeccagge ecagggggeg cagacaaaaa 540

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/485,951

DATE: 01/30/2001
TIME: 10:22:53

Input Set : A:\Pto.amc

Output Set: N:\CRF3\01302001\1485951.raw

155 157 159 161 163 165 167 169 172 173 174 175 177	53 cctcccggcg tgtggcctgc caacccggct cccattaccc agacagtcat ccacacagtg 55 cagagcgccc ctggacagat gttctctact cccgccatcc cacctatgat gtaccccac 57 cccgcctatc cgatgccttt catcaccacc attctgggag ggctgtaccc atccaagtcc 59 atcctcctgt caggcactgt cctgcccagt gctcagaggt tccacatcaa cctgtgctct 61 gggaaccaca tcgccttcca cctgaacccc cgttttgatg agaatgctgt ggtccgcaac 63 acccagatcg acaactcctg ggggtctgag gagcgaagtc tgccccgaaa aatgcccttc 65 gtccgtggcc agagcttctc agtgtggatc ttgtgtgaag ctcactgcct caaggtggcc 67 gtggatggtc agcacctgtt tgaatactac catcgcctga ggaacctgcc caccatcaac 69 agactggaag tggggggcga catccagctg acccatgtgc agacc 72 <210> SEQ ID NO: 5 73 <211> LENGTH: 1725 74 <212> TYPE: DNA 75 <213> ORGANISM: Homo sapiens 77 <220> FEATURE: 78 <221> NAME/KEY: CDS														660 720 780 840 900 960		
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185	ggc	Jaca	gug '	gegg	egga	ga g	_	-		_			_	-	Pro		444
186							1		1 110	001	5	001	0111		110	10	
188	ctg	agt	cca	gct	gtc	ccc	ttt	tct	ggg	act	att	caa	gga	ggt	ctc	cag	159
															Leu		
190					15					20			_	_	25		
192	gac	gga	ctt	cag	atc	act	gtc	aat	ggg	acc	gtt	ctc	agc	tcc	agt	gga	207
	Asp	Gly	Leu	Gln	Ile	Thr	Val	Asn	-	Thr	Val	Leu	Ser	Ser	Ser	Gly	
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197	THE	arg	45	Ala	vai	Asn	Pne	50	Thr	GLY	Pne	Ser	55 55	Asn	Asp	me	
	acc	ttc		ttc	aac	cct	caa		maa	gat	gga	aaa		ata	gtg	tac	303
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206	75					80					85					90	
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	Met	Pro	Phe	Gln		Gly	Met	Pro	Phe		Leu	Cys	Phe	Leu	Val	Gln	
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	-		-		_		-								cag		447
214	261	ser	ASP	110	гЛЭ	val	Mec	val	115	GLY	116	пеп	Pne	120	Gln	тут	
	ttc	cac	cac		CCC	ttc	cac	cat		gac	acc	atc	tide		aat	ggc	495
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233	Ala			Ala					Thr					Val			007
234 236	gcc	cct	qqa	190 caq	atq	ttc	tct	act	195 ccc	acc	atc	cca	cct	200 atq	atq	tac	735
237	Āla		Gly					Thr					Pro				
238	ccc	cac	205	acc	tat	cca	ato	210	ttc	atc	200	200	215	cta	aas	aaa	783
	Pro					-	-									222	703
242		220			-2-		225	0				230		204	011	017	
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	Leu	Tyr	Pro	Ser	Lys		Ile	Leu	Leu	Ser	_	Thr	Val	Leu	Pro	Ser	
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	gct																879
249	Ala	GIn	Arg	Phe		He	Asn	Leu	Cys		GLy	Asn	His	Ile		Phe	
	020	cta	220	000	255	+++	ant.	~ ~ ~	t	260	~+ ~	a+ a	000	222	265	~~~	0.27
	cac His																927
254	1113	пси	nsn	270	nrg	i ne	дър	Giu	275	AIG	vai	var	AIG	280	1111	GIII	
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	Ile																
258			285		_	_		290		_			295	-	-		
260	CCC	ttc	gtc	cgt	ggc	cag	agc	ttc	tca	gtg	tgg	atc	ttg	tgt	gaa	gct	1023
261	Pro	Phe	Val	Arg	Gly	Gln	Ser	Phe	Ser	Val	Trp	Ile	Leu	Cys	Glu	Ala	
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	His	Cys	Leu	Lys	Val		Val	Asp	Gly	Gln		Leu	Phe	Glu	Tyr		
266						320					325					330	
	cat																1119
270	His	AIG	Leu	Arg	335	ьeu	Pro	THE	тте	340	Arg	Leu	GIU	vaı	345	GTÀ	
	gac	atc	car	cta		cat	ata	cad	aca		caaa	rtt c	otac	recet			1166
273	Asp	Ile	Gln	Leu	Thr	His	Val	Gln	Thr	cuge	, cgg.	,,,,	.0099	,ccc i	-9		1100
274				350				Q	355								
276	gggc	eggg	gg c	tggg	gtgt	g go	gcag	tete	g ggt	ccto	tca	tcat	cccc	ac t	tccc	aggcc	1226
																tctgg	
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282	tcag	ccgc	ag c	agca	ccto	ıg gg	ctcc	agct	gct	ggaa	tcc	tacc	atco	ca g	gagg	cagge	1406
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286	cato	cccc	ac g	cago	teca	ic cc	cagt	.ccca	ago	cacc	agc	tgtc	tgct	cc t	ggtg	ıggagg	1526
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																cctga	
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RAW SEQUENCE LISTING DATE: 01/30/2001 PATENT APPLICATION: US/09/485,951 TIME: 10:22:53

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307				20					25					30		
309 310	Val	Asn	Gly 35	Thr	Val	Leu	Ser	Ser 40	Ser	Gly	Thr	Arg	Phe 45	Ala	Val	Asn
312 313	Phe	Gln 50	Thr	Gly	Phe	Ser	Gly 55	Asn	Asp	Ile	Ala	Phe 60	His	Phe	Asn	Pro
	Δra		Glu	Asp	Glv	Glv		Val	Va 1	Cvc	Δen		Δrα	Gln	Δen	Glv
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318 319	Ser	Trp	Gly	Pro	Glu 85	Glu	Arg	Lys	Thr	His 90	Met	Pro	Phe	Gln	Lys 95	Gly
321 322	Met	Pro	Phe	Asp 100	Leu	Суѕ	Phe	Leu		Gln	Ser	Ser	Asp		Lys	,Val
	V- 4	37 1			T1 -	T	Dl	17-3	105	m	Dl	77.1 -	3	110	D	nh -
325	мет	vaı	115	Gly	11e	Leu	Pne	120	GIN	Tyr	Pne	HIS	125	vaı	Pro	Pne
327 328	His	Arg 130	Val	Asp	Thr	Ile	Ser 135	Val	Asn	Gly	Ser	Val 140	Gln	Leu	Ser	Tyr
	Ile		Phe	Gln	Asn	Pro		Thr	Va l	Pro	Va1		Pro	Ala	Phe	Ser
	145		- 1			150	5				155					160
333 334	Thr	Val	Pro	Phe	Ser 165	Gln	Pro	Val	Cys	Phe 170	Pro	Pro	Arg	Pro	Arg 175	Gly
	Arg	Arg	Gln	Lys		Pro	Gly	Val	Trp		Ala	Asn	Pro	Ala		Ile
337				180					185					190		
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343		210		_	_		215		_			220			_	
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		T.011	T.011	Ser	Clv		Val	Ι.Δ.1	Pro	Sar		Gln	Δrσ	Dha	Hic	
349	110	пси	БСС	501	245	1111	, ar	пси	110	250	712.0	OLII	111 9	1110	255	110
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354 355	Asp	Glu	Asn 275	Ala	Val	Val	Arg	Asn 280	Thr	Gln	Ile	Asp	Asn 285	Ser	Trp	Gly
	Ser	Glu		Arg	Ser	Leu	Pro		Lvs	Met	Pro	Phe		Ara	Glv	Gln
358		290		5			295	,	. — 2 —			300		5		
360	Ser	Phe	Ser	Val	Trp	Ile	Leu	Cys	Glu	Ala	His	Cys	Leu	Lys	Val	Ala
361	305					310					315					320
363 364	Val	Asp	Gly	Gln	His 325	Leu	Phe	Glu	Tyr	Tyr 330	His	Arg	Leu	Arg	Asn 335	Leu
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367				340					345	•	•			350		
369	Val	Gln	Thr													

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/485,951

DATE: 01/30/2001 TIME: 10:22:54

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1642

RAW SEQUENCE LISTING

DATE: 01/23/2001

PATENT APPLICATION: US/09/485,951

TIME: 14:39:46

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Does Not Comply
Corrected Diskette Needed

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Output Set: N:\CRF3\01232001\I485951.raw

3 <110> APPLICANT: Seisi Kato
4 Yamaguchi Kimura
5 Shingo Sekine
6 Kouju Kamata
8 <120> TITLE OF INVENTION: HUMAN GALECTIC-9-LIKE PROTEINS AND CDNA ENCODING THESE
9 PROTEINS
11 <130> FILE REFERENCE: GIN-6707CPUS
13 <140> CURRENT APPLICATION NUMBER: 09/485,951
14 <141> CURRENT FILING DATE: 2000-02-17
16 <150> PRIOR APPLICATION NUMBER: 9-226468
17 <151> PRIOR FILING DATE: 1997-08-22
9 <150> PRIOR APPLICATION NUMBER: PCT/JP98/03670
20 <151> PRIOR FILING DATE: 1998-08-19
22 <160> NUMBER OF SEQ ID NOS: 11

ERRORED SEQUENCES

E--> 531 <210> SEQ ID NO: 10 532 <211> LENGTH: 30

533 <212> TYPE: DNA

534 <213> ORGANISM: Artificial Sequence

24 <170> SOFTWARE: Patentin Ver. 2.0

536 <220> FEATURE:

537 <223> OTHER INFORMATION: Description of Artificial Sequence:primer

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E--> 543 <210> SEQ ID NO: 11

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/485,951

DATE: 01/23/2001 TIME: 14:39:47

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L:539 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:11 differs:10 L:543 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO:11